

RECEIVED  
CENTRAL FAX CENTER

JUN 06 2006

ADV4-H61

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

NETWORKFAB CORPORATION

Serial No.: 10/785,353

Filed: 2/24/2004

For: REAL-TIME EMITTER LOCATING  
SYSTEM AND METHOD

Examiner: Fred H. Munn

Group Art Unit: 3662

June 6, 2006

San Diego, California 92108

CUSTOMER NUMBER: 22848

AMENDMENTHonorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed 3/6/2006, please amend the subject application as follows:

IN THE SPECIFICATION:

- 1 Please amend the Abstract as follows:
- 2 "A Real-time Emitter Locating (EL) System and Method is disclosed. The
- 3 system provides a technique for taking in data sets (lines of bearing) from DF receivers
- 4 and characterizing those signals with their respective probabilities of error. Then using a
- 5 unique method, the preferred system applies a recursive processing technique to this

6 continuous stream of data, displaying transmitter positions with significantly less  
7 uncertainty. Furthermore, the preferred system is able to perform these functions in real-  
8 time. The system is further capable of being fully automated to ~~would~~ reduce the  
9 processing time and reduce the necessity of human intervention. Still further, in an  
10 alternative embodiment of the present invention the system can be remotely controlled  
11 over a communications network ~~and collect~~ whereby collected locating data from several  
12 DF sets can be combined. In this way, a far more efficient EL System can be achieved in  
13 which the emitter's position can be determined more quickly from a centralized command  
14 facility. This combination of data filtering and data collection techniques significantly  
15 reduces measurement uncertainties and enhances the accuracy of EL systems.”

16

17

18 Please amend the specification at page 11, line 9 as follows:

19 “It is worthy of note that the spreading of position points across an integrated map  
20 display gives essentially the size of a “probability field” where the transmitter is most  
21 likely to be located. As more position points are calculated that deviate from each other,  
22 the probability field can be shown to grow on a map display. Such a display is the topic  
23 of another invention described in a provisional patent application entitled: “Technique  
24 and Method for Displaying Probabilistic Locations of Transmitters in Emitter Location  
25 Systems” that is the subject of pending patent application serial number 10/785,356.”